

FORM PTO-1390  
(REV 10-2004)

ATTORNEY DOCKET NUMBER

4819-4750

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.51)

10/547993

TBA

INTERNATIONAL APPLICATION  
PCT/FI2004/000130INTERNATIONAL FILING DATE  
10 March 2004PRIORITY DATE CLAIMED  
14 March 2003

## TITLE OF INVENTION

METHOD FOR CONTROLLING OXYGEN WHEN SEPARATING MINERALS FROM A SLURRY

## APPLICANT(S) FOR DO/EO/US

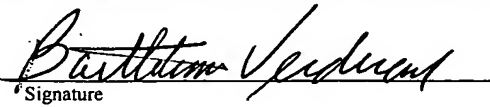
HEIMALA, Seppo; LAURILA, Heikki; and RUONALA, Mikko

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected. (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 20. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter. **Recordal of change of applicant and agent.**
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Published Application with International Search Report ;Second and Supplemental Notice Informing the Applicant of the Communication of the International Application to the Designated Offices; and Return Receipt Postcard.

U.S. APPLICATION NO. (if known) <b>10/547993</b> TBA		INTERNATIONAL APPLICATION NO. PCT/FI2004/000130		ATTORNEY'S DOCKET NO. 4819-4750	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee .....\$300				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100 All other situations .....\$200				\$200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared and provided to the Office .....\$400 All other situations .....\$500				\$400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
11- 100 =	0/50 =		x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	20 - 20 =	0	x \$50.00	\$0.00	
Independent claims	1 - 3 =	0	x \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 900.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				<b>\$ 900.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 900.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 900.00</b>	
				Amount to be refunded:	\$
				Amount to be charged:	\$ 900.00
<p>a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-4500 (4819-4750) in the amount of \$900.00 to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4500 (4819-4750). A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: 27123 Enter Address Here Bartholomew Verdirame, Esq. MORGAN &amp; FINNEGAN LLP 3 World Financial Center New York, New York 10281-2101 212 415 8700 Telephone 212 415 8701 Fax</p> <div style="text-align: right; margin-top: 20px;">               Signature              Bartholomew Verdirame              Name              28,483              REGISTRATION NUMBER         </div>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): HEIMALA, Seppo; LAURILA, Heikki; and RUONALA, Mikko  
Group Art Unit: Not Yet Assigned  
Serial No.: Not Yet Assigned  
Examiner: Not Yet Assigned  
Filed: September 7, 2005 (Herewith)  
For: METHOD FOR CONTROLLING OXYGEN WHEN SEPARATING MINERALS  
FROM A SLURRY

EXPRESS MAIL CERTIFICATE

Mail Stop Box PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Express Mail Label No.: **EV 622502005 US**  
Date of Deposit: September 7, 2005

I hereby certify that the following attached paper(s) and/or fee:

1. Transmittal letter to the US Designated Elected Office Concerning Filing Under 35 USC 371 (2 pps);
2. Preliminary Amendment (6 pp);
3. Information Disclosure Statement (1 pp);
4. PTO Form 1449A (1 pp) and (4) Cited non US References;
5. Specification: (7 pps); Claims: (3 pps); Abstract (1 pps); Drawings (0 sheets);
6. Published International Application with International Search Report (3 pps);
7. Second and Supplemental Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 pp);
8. Declaration of Inventorship (Rule 4.17(iv)) for US (3 pps); and
9. Return Receipt Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Albert Isles

(Typed or printed name of person mailing papers(s) and/or fee)



(Signature of person mailing paper(s) and/or fee)

Correspondence Address:

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(212) 415-8700 Telephone  
(212) 415-8701 Facsimile

10/547993  
**OUTOKUMPU**

August 17, 2005

**JC20 Rec'd PCT/PTO 07 SEP 2005**

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 GENEVA 20  
Switzerland

Agents ref. 20031016  
International application PCT/FI2004/000130  
International filing date 10 March 2004 (10.03.2004)  
Applicant(s) Outokumpu Oyj et al  
**REQUEST FOR RECORDAL OF CHANGES**

Dear Sirs

We request the recordal of a **change of one of the applicants**, i.e. the first applicant Outokumpu Oyj should be deleted from the register. The new first applicant, who is the applicant for all designated states except for the United States of America is:

address: Outokumpu Technology Oy  
Riihitontuntie 7  
FI-02200 Espoo, Finland

We also request the recordal of a **change in the name of the agent**. The new name and address of the agent is:

address: Outokumpu Technology Oy  
Intellectual Property Rights Management  
P.O.Box 86  
FI-02201 Espoo, Finland

tel. +358 9 4211, telefax +358 9 4212978 (unchanged)  
e-mail patent@outokumpu.com (unchanged)

We enclose herewith the Power of Attorney as well as the assignment from the present applicant Outokumpu Oyj to Outokumpu Technology Oy.

Yours faithfully

**OUTOKUMPU TECHNOLOGY OY**  
Intellectual Property Rights Management

  
Marja Lahonen, Manager – IPR

Outokumpu Technology Oy  
Intellectual Property Rights Management

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